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TRANSMITTAL LETTER TO THE UNITED STATI	ES ATTORNEY'S DOCKET NUMBER
DESIGNATED/ELECTED OFFICE (DO/EO/US)	1 4497-01302031
CONCERNING A SUBMISSION UNDER 35 U.S.C.	371 20/54/682
VTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DA PCT/JP2004/002556 2 March 2004	ATE PRIORITY DATE CLAIMED 6 March 2003
ITLE OF INVENTION LINE CONCENTRATOR, NETWORK-COMPATIBLE APPAR	
APPLICANT(S) FOR DO/EO/US	
Akiyoshi FUJIHARA Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:	
1. x This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.	
2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.	
3. X This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.	
4. The US has been elected (Article 31).	
5. x A copy of the International Application as filed (35 U.S.C. 371 (c)(2))	
a. is attached hereto (required only if not communicated by the International Bureau).	
b. x has been communicated by the International Bureau. WO 2004/080000 A1	
c. is not required, as the application was filed in the United States Receiving Office (RO/US).	
6. x An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).	
a. x is attached hereto.	
b. has been previously submitted under 35 U.S.C. 154(d)(4).	
7. X Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))	
a. are attached hereto (required only if not communicated by the International Bureau).	
b. have been communicated by the International Bureau.	
c. have not been made; however, the time limit for making such amendments has NOT expired.	
d. x have not been made and will not be made.	
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).	
9. x An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).	
An English language translation of the annexes of the Internation Article 36 (35 U.S.C. 371(c)(5)).	al Preliminary Examination Report under PCT
Items 11 to 20 below concern document(s) or information incl	
x An Information Disclosure Statement under 37 CFR 1.97 and	
x An assignment document for recording. A separate cover sheet in	in compliance with 37 CFR 3.28 and 3.31 is included.
13. x A preliminary amendment.	
14. An Application Data Sheet under 37 CFR 1.76.	
15. A substitute specification.	
16. A power of attorney and/or change of address letter.	
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.	
18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).	
. A second copy of the English language translation of the intern	ational application under 35 U.S.C. 154(d)(4).
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PTO-1390 (Rev. 07-2005)

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. ATTORNEY'S DOCKET NUMBER INTERNATIONAL APPLICATION NO. 4492-0130PUS1 PCT/JP2004/002556 Return Receipt Postcard; PCT/ISA/210; PCT/IB/304; PCT/IB/308; Six sheets of Formal Other items or information: Drawings. PTO USEONLY The following fees have been submitted CALCULATIONS 300.00 21. x Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report 200.00 prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... Search fee (37 CFR 1.492(b)) 23. x Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an 400.00 previously communicated to the US by the IB......\$400 All other situations. TOTAL OF 21, 22 and 23 = \$ 900.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Number of each additional 50 or fraction RATE **Total Sheets** Extra Sheets thereof (round up to a whole number) x \$250.00 43 - 100 = Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration \$ after the date of commencement of the national stage (37 CFR 1.492(h)). NUMBER FILED NUMBER EXTRA RATE CLAIMS 50.00 0.00 10 - 20 = 0 Total claims х 0.00 200.00 1 - 3 =0 X Independent claims 360.00 360.00 MULTIPLE DEPENDENT CLAIM(S) (if applicable) TOTAL OF ABOVE CALCULATIONS 1,260.00 Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. 1,260.00 SUBTOTAL = Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest \$ claimed priority date (37 CFR 1.492(i)). 1.260.00 **TOTAL NATIONAL FEE =** \$ Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied \$ 40.00 by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property 1,300.00 TOTAL FEES ENCLOSED = \$ Amount to be \$ refunded: Amount to be \$ charged

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Company of information unless it displays a valid OMB control number. 1,300.00 to cover the above fees is enclosed. A check in the amount of \$ Please charge my Deposit Account No. to cover the above fees. in the amount of \$ A duplicate copy of this sheet is enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit 02-2448 _ . A duplicate copy of this sheet is enclosed. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038 NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed an granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO: Charles Gorenstein NAME CUSTOMER NUMBER: 02292 September 2, 2005 CG/nl 29,271 REGISTRATION NUMBER

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